

US EPA Office of Pesticide Programs Incident Data System

Specified Ingredient Incidents

Total Rows Returned : 197

Report Date & Time : 08/30/2019 5:14:55 PM GMT

| PC Code : | | 044309 | | | | | | | | | | | | | |
|------------------------------|------|---|--------|--|------------|---------------------------|-------------------------|-----|---------|----------------|-----------------------|-----------------|--------------------------|--|--|
| Ingredient Name : | | All | | | | | | | | | | | | | |
| Exposure Severity Code : | | All | | | | | Single Ingredient Only: | | No | | Incident Date Period: | | 01/01/1900 To 08/30/2019 | | |
| Word in Package Description: | | All | | | | | | | | | | | | | |
| Package and Report # | Pg # | Package Description | Status | Submitter | Inc. Date | City | County | St. | Country | Exp. Sev. Code | PC Code | Ingredient Name | Registration # | Product Name | Registrant |
| 016328-00028 | 85 | Bayer: 37 incidents: 28 H-C, 1 H-B, 8 P-A: sxs include cough/choke, tremors, elevated blood levels, nausea, stunted & burned plants, seedlings | N | BAYER CROPSCIENCE | 05/25/2005 | CANADA | MANITOBA | | CN | HC | 044309 | Clothianidin | | PROSPER FLOWABLE INSECTICIDE /FUNGICIDE SEED TREATMENT | |
| 017496-00012 | 37 | Bayer: 22 H-C, 55 P-A. Muscle weakness, faint, cough, rash, hives, fatigue, anorexia. Yellowing leaves, stunting, stand reduction, white leaf | N | BAYER CROPSCIENCE | 05/11/2006 | IROQUOIS, CANADA | ONTARIO | | CN | HC | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 017571-00020 | 65 | Bayer CropScience: 3 H-B, 18 H-C, 10 P-A. Vomit, electrolyte abnormality, hypokalemia, ABD pain, cancer, cardiac blockage, dermal, respiratory. | N | BAYER CROPSCIENCE | 06/19/2006 | SCHAGHTICOKE | | NY | US | HC | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 018502-00011 | 38 | Bayer: 2 H-B, 15 H-C, 11 P-A. Man cardiac arrest put on ventilator. Man hypoglycemic shock. Hives, pink eye, UTI, .. 11000 plants dropped leaves | N | BAYER CROPSCIENCE | 04/20/2007 | BLOOMFIELD | | IA | US | HC | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 018598-00017 | 49 | Bayer: 2 H-B, 19 H-C, 178 P-A. chest pain, muscle spasms, blisters, dyspnea, weakness, constipation, anorexia, abd pain, chemical pneumonia,crop damage | N | BAYER CROPSCIENCE | 05/01/2007 | TERRIL | | IA | US | HC | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 019743-00001 | 13 | WWW compilation: Germany suspends 8 clothianidin & neonicotinoid products due to bee kill. Bayer claims misapplication of seed treatment | N | U.S. EPA, OPP, EFED | 05/01/2008 | BADEN-WURTTENBERG,GERMANY | | | WG | ON | 044309 | Clothianidin | | PONCHO PRO (GERMAN PRODUCT) | BAYER CROPSCIENCE LP |
| 019908-00002 | 1 | A) H-C, heated Captan on stove, man inhaled smoke, shortness of breath, and sore throat, resolved.B) H-C: red blisters on neck, arms, chest... | N | ARYSTA LIFESCIENCE NORTH AMERICA CORP. | 07/01/2008 | | | FL | US | HC | 044309 | Clothianidin | 066330-00366 | ALOFT LC SC INSECTICIDE | ARYSTA LIFESCIENCE NORTH AMERICA CORPORATION |

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| 021411-00013 | 38 | Bayer: 1 H-B: lawsuit: thyroid cancer; 11 H-C, numbness, headache, tremors, chest pain; 6 P-A, whitening, stunting; 1 W-A temik misuse, Texas | N | BAYER CROPSCIENCE | 01/01/2009 | SPRING HILL | | KS | US | HB | 044309 | Clothianidin | 010308-00032 | CLOTHIANIDIN | SUMITOMO CHEMICAL COMPANY, LTD. |
| 021587-00004 | 14 | NPIC: 5 bee kill reports submitted via NPIC Ecological portal. 2009: 2 for UT, 1 each for NJ, NV, ND | N | NATIONAL PESTICIDE INFORMATION CENTER | 09/15/2009 | | CHURCHILL | NV | US | ON | 044309 | Clothianidin | 000264-01035 | PROSPER T200 INSECTICIDE AND FUNGICIDE SEED TREATMENT | BAYER CROPSCIENCE LP |
| 021913-00005 | 32 | Bayer: 11 H-C, cough, disorientation, pneumonia, eye irritation, diarrhea, tachycardia, diplophoria, fever. 2 P-A, stunting, necrosis. 2 DW-A aldicarb | N | BAYER CROPSCIENCE | 04/15/2010 | LANCASTER | | PA | US | HC | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 022340-00001 | 1 | Dead bees found at 4 hives at Purdue University, 4/2010. Mainly young bees, not the foragers. Clothianidin and other pesticides detected. CONFIDENTIAL EMAIL CLAIM | N | BAYER CROPSCIENCE | 04/18/2010 | WEST LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 022342-00001 | 1 | Bee kill, Elbow Lake, MN. Bees died in front of hives over a week April 2010. Crawling, twitching bees on ground. Clothianidin? No lab samples | N | OLD MILL HONEY CO. | 04/20/2010 | ELBOW LAKE | | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN? | |
| 022495-00001 | 3 | Valent: 1 H-C: torn bag & spill & Bells palsy. 6 aggregate summaries, July-Sept. 2010. Incl. 6 H-D, 1 D-C, and 1 D-D. | N | VALENT USA CORP. | 10/01/2010 | ENNIS, SUNNYVALE | | TX | US | HC | 044309 | Clothianidin | 059639-00164-082827 | GREENLIGHT GRUB CONTROL WITH ARENA | VALENT U.S.A. CORPORATION |
| 022585-00001 | 1 | High number of dead or paralyzed/agonizing bees found in Coteau-du-Lac, Quebec, Canada. Residues of clothianidin and thiamethoxam were detected. | N | U.S. EPA, OPP, ITRMD, ISB | 05/15/2010 | COTEAU-DU-LAC, CANADA | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 022586-00001 | 1 | May, 2010. Abnormally high bee mortality found in colonies located in St-Dominique, Quebec, Canada. Residues of clothianidin were detected. | N | U.S. EPA, OPP, ITRMD, ISB | 05/01/2010 | ST-DOMINIQUE, CANADA | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 022587-00001 | 1 | May, 2009. approx. 290 bee colonies found collapsed in Ste.-Martine, Quebec, Canada. Residues of atrazine, clothianidin, desethyl atrazine, & coumaphos found. Clothianidin is considered the origin of the problems found. Believed due to direct contact | N | U.S. EPA, OPP, ITRMD, ISB | 05/01/2009 | STE-MARTINE EN MONTE REGIE | QUEBEC | | CN | ON | 044309 | Clothianidin | | PONCHO (CLOTHIANIDIN) | |
| 022743-00001 | 1 | Beekeeper lost all 65 bee hives this winter. Neighbor planted corn, relied on no-till, burned down cover crop with Roundup. He claims colonies within 10 miles of seed treated corn fields died. Believes colony loss may be due to clothianidin-treated corn seed. Pollen sample not yet analyzed. No data to substantiate claim vs. clothianidin | N | | 01/01/2011 | LEHIGH VALLEY | | PA | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN TREATED SEED | |
| 022757-00001 | 1 | Commercial beekeeper believes Poncho (clothianidin) seed treatment is responsible for affecting his bees based on records he has kept for years. 50% loss in the past winter instead of the typical 10% loss each winter. Colony collapse type symptoms: hives failed, but no piles of dead bees, Migrating hives did better than stationary hives | N | | 01/01/2011 | | ADAMS, YORK, CUMBERLAND | PA | US | ON | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 022936-00001 | 1 | Arysta LifeScience: 1 H-C, homeowner treated trees with Aloft LC G April 5; 3 hrs later he experienced sore throat & cough. After Dr. prescribed medication, he treated his trees again 8 days later, experiencing same symptoms. | N | ARYSTA LIFESCIENCES | 04/05/2011 | FORT MYERS | | FL | US | HC | 044309 | Clothianidin | 066330-00368 | ALOFT LC G INSECTICIDE | ARYSTA LIFESCIENCE NORTH AMERICA, LLC |
| 023082-00006 | 17 | Bayer CropScience: 30 H-C, rash, pruritus, bradycardia, numbness, slurred speech, malaise, nausea, diarrhea, palpitations, SOB, diaphoresis, fever, conjunctivitis, arthralgia; 1 H-D rash, 22 P-A. | N | BAYER CROPSCIENCE | 06/16/2011 | PORTLAND | | OR | US | HC | 044309 | Clothianidin | 072155-00094 | BAYER ADVANCED ALL-IN-ONE ROSE & FLOWER CARE READY-TO-USE GRANULES | BAYER ADVANCED |

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| 023145-00005 | 15 | Valent USA: 6 H-C reports: bullae, blisters, hives, respiratory irritation,, lung pain, rash; 11 aggregate summaries, April-June 2011 Including 10 H-D, 2 D-A, 3 D-C, 4 D-D | N | VALENT U.S.A. CORP. | 07/27/2011 | | | NC | US | HC | 044309 | Clothianidin | 059639-00150 | BELAY | VALENT U.S.A. CORPORATION |
| 023225-00002 | 2 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 04/17/2011 | BREZOVCI, PUCONCI | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023225-00003 | 2 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 04/17/2011 | BAKOVC | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 023225-00004 | 2 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 04/17/2011 | RAKICAN | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023225-00005 | 2 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 04/17/2011 | DOLGAVAS | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 023225-00006 | 2 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 04/17/2011 | LENDAVA-BENICAPINCE | | | SD | ON | 044309 | Clothianidin | | PONCHO TREATED MAIZE SEED (CLOTHIANIDIN) | |
| 023225-00007 | 3 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 05/11/2011 | VERZEJ | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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|----------------------|------|---|--------|---------------------|------------|--------------------|--------|-----|---------|----------------|---------|-----------------|----------------|--------------|------------|
| 023225-00008 | 3 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 05/11/2011 | NEDELICA, TURNISCE | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023225-00009 | 3 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 05/11/2011 | BRATONCI | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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|----------------------|------|---|--------|---------------------|------------|--------------------|------------------|-----|---------|----------------|---------|-----------------|----------------|--|------------|
| 023225-00010 | 3 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 05/24/2011 | CRENSO VCI | | | SD | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023225-00014 | 3 | Bee kill in Mura Region and other parts of Slovenia, Apr.- May 2011 affected 21 beekeepers. Slovenia govt. stopped use of maize & oilseed rape seed treated with Poncho and Cruiser. Some bee corpses showed plant protection products at levels which lead to suspicion criminal offence has been committed. Bees may have hit clouds of dust released during maize sowing with clothianidin treated seeds. Coumaphos also found but not in levels toxic to bees. Worst losses were near border with Hungary | N | U.S. EPA, OPP, EFED | 04/17/2011 | REDICZ | ZALA PARISH | | HG | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023737-00003 | 120 | Hazards of pesticides to bees: 10th internat. symposium: Bucharest, 2008. Bee information from Europe, including UK, Netherlands, Germany, Italy. Includes summary incident info & study research | U | U.S. EPA, OPP, EFED | 04/01/2008 | UPPER RHINE VALLEY | BADEN-WURTEMBERG | | WG | ON | 044309 | Clothianidin | | PONCHO PRO (CLOTHIANIDIN FS 600-GERMANY) | |

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| 023737-00004 | 120 | Hazards of pesticides to bees: 10th internat. symposium: Bucharest, 2008. Bee information from Europe, including UK, Netherlands, Germany, Italy. Includes summary incident info & study research | U | U.S. EPA, OPP, EFED | 04/01/2008 | NEAR PASSAU (BAVARIA) | BAVARIA | | WG | ON | 044309 | Clothianidin | | PONCHO PRO (GERMANY) | |
| 023737-00005 | 150 | Hazards of pesticides to bees: 10th internat. symposium: Bucharest, 2008. Bee information from Europe, including UK, Netherlands, Germany, Italy. Includes summary incident info & study research | N | U.S. EPA, OPP, EFED | 01/01/2008 | LOMBARDI, VENETO ... | LOMBARDI, VENETO, PIEDMONT... | | IT | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023902-00001 | 1 | 33 nucleus colonies for bees exhibiting dead or dying bees. 100 queen bee cells lost in Indiana. Dead bees at hives' entrance & newly raised queens found lying outside of nuc in same location as other hives. Bees still dying. Local farmer planted corn yesterday on adjacent land. See also 48966501 | N | | 04/19/2012 | LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023903-00001 | 1 | Bee kill on April 7, 2012, in all five of the owner's colonies in Lafayette, IN. Dry conditions, apiary was downwind while planting was going on nearby. Huge clouds of dust. Bees in convulsions with some on their backs and kicking their legs. Is updated in I024495-001. | N | | 04/07/2012 | LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 023967-00001 | 1 | Bee kill in stockpile location Elbow Lake, MN, May 1, 2012. Nearby farmer was planting corn the night before the bee kill occurred. The seed bag label said: P9630AM1 contained "Liberty Link, Herculex XTRA, Poncho 1250, and Optimum Acre Max 1." Also see I024308. MRID 48921601 is Bayer's analysis of the same incident | N | OLD MILL HONEY CO. | 05/01/2012 | ELBOW LAKE | | MN | US | ON | 044309 | Clothianidin | | P9630AM1 CONTAINING "LIBERTY LINK, HERCULEX XTRA, PONCHO 1250, AND OPTIMUM ACRE MAX 1 | |

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| 023981-00001 | 1 | Health Canada web site: Monteregie region, Quebec bee kill report. Bee hives affected during the sowing of corn and soybean seeds. Dead bees analyzed by Quebec Ministry. Clothianidin, thiamethoxam, fenitrothion and atrazine detected. Fenitrothion is no longer registered for use in Canada. | N | U.S. EPA, OPP, EFED | 06/01/2011 | MONTE REGIE | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024002-00001 | 1 | Bee Kill, Ontario, Canada; 200-300 colonies showing some degree of mortality. Nearby farmer was planting a combination of Pioneer and Dekalb corn seed treated with clothianidin and two fungicides. Mentions dead robin. | N | FERGUSON APIARIES | 04/12/2012 | HENSALL | ONTARIO | | CN | WB, ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024031-00002 | 6 | 3 Canadian bee kills from Canadian PMRA, all in Ontario, Canada, during the month of April. All 3 involve nearby corn being planted with Pioneer corn seed (treated with Thiamethoxam) and Dekalb corn seed (treated with Clothianidin). | N | U.S. EPA, OPP, EFED | 04/08/2012 | BLUEWATER | ONTARIO | | CN | ON | 044309 | Clothianidin | | DEKALB CORN SEED TREATED WITH CLOTHIANIDIN | |
| 024031-00003 | 10 | 3 Canadian bee kills from Canadian PMRA, all in Ontario, Canada, during the month of April. All 3 involve nearby corn being planted with Pioneer corn seed (treated with Thiamethoxam) and Dekalb corn seed (treated with Clothianidin). | N | U.S. EPA, OPP, EFED | 04/17/2012 | HENSALL | ONTARIO | | CN | ON | 044309 | Clothianidin | | DEKALB CORN SEED TREATED WITH CLOTHIANIDIN | |
| 024127-00001 | 1 | Austrian research paper: summary of bee losses in corn and canola growing regions, 2009-2011. Also treated oilseed pumpkin seed regions. Multiple chemicals. See also I024327 | N | U.S. EPA, OPP, EFED | 01/01/2009 | | | | AT | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 024161-00001 | 1 | Publication: Are Neonicotinoids killing bees? summary literature review by Xerxes Society for Invertebrate Conservation. Also U.Calif. Apiaries newsletter which comments on the longer paper | N | U.S. EPA, OPP, ITRMD, ISB | 01/01/1994 | | | | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024172-00005 | 13 | Monsanto: 9 H-C, hives, shortness of breath, nausea, fever, headache, chills, heart palpitations, swollen eyelid, tightness in chest, slurred speech. | N | MONSANTO CO. | 05/25/2012 | | | OH | US | HC | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC-609 INSECTICIDE SEED TREATMENT FOR CORN | BAYER CROPS SCIENCE LP |
| 024221-00001 | 1 | Valent: Bee mortality found on June 21, 2012, involving Belay and Brigade tank mix in Wellton, AZ. The bee mortality was observed 5 days after the tank mix was applied to nearby cotton. Hive owner believes mortality is due to the application of the products while the bees were actively foraging in the field. | N | VALENT U.S.A. CORP. | 06/21/2012 | WELLTON | | AZ | US | ON | 044309 | Clothianidin | 059639-00150 | BELAY | VALENT U.S.A. CORPORATION |
| 024242-00002 | 6 | Valent: 2 H-C, a)yellowish greenish dermal color and numbness to forefinger after touching leaf of tree treated with Green Light Fruit Tree Spray Conc.; b)multiple products, tachycardia, blurred vision, and shortness of breath. | N | VALENT U.S.A. CORP. | 06/18/2012 | | | GA | US | HC | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. CORPORATION |
| 024265-00001 | 1 | Update to I023225 Pomurje Region, eastern Slovenia bee kill in 2011. The active ingredients clothianidin and thiamethoxam were detected in the bee samples. These were the main ingredients of Poncho Pro and Cruiser, two products used on maize seeds. | U | U.S. EPA, OPP, EFED | 04/01/2011 | POMURJE | | | SD | ON | 044309 | Clothianidin | | PONCHO PRO | BAYER CROPS SCIENCE LP |

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|----------------------|------|--|--------|---|------------|-------------|----------------------------------|-----|---------|----------------|---------|-----------------|---------------------|--|----------------------|
| 024270-00001 | 1 | Large bee kill near Geneva NY. Had been in 50 acre orchard with apples, apricots & plum trees. Loss of forage bees. Bees recently retrieved died in 48 colonies near where corn had been planted. Insufficient bees to cover brood. Colony did not have foulbrood. | N | | 05/11/2012 | NEAR GENEVA | | NY | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024308-00001 | 1 | Bayer CropScience report: Update to I023967: draft report on Elbow Lake MN bee kill. Neither clothianidin nor thiamethoxam was detected in dead bee samples. Clothianidin was detected in bee pollen (21 ppb -not likely to be lethal)and soil samples at (2- 22 ppb). Many other chemicals used on seed and soil nearby. See MRID 48921601 for final version of this report | U | | 05/12/2012 | ELBOW LAKE | | MN | US | ON | 044309 | Clothianidin | | PONCHO 1250 | |
| 024327-00001 | 1 | WWW: internet summary of bee research in Austria. Pesticide residue testing performed on numerous bee kill samples for 2009-2010. See also I024127 | U | U.S. EPA, OPP, ITRMD, ISB | 01/01/2009 | | STYRIA, UPPER AUSTRIA, CARINTHIA | | AT | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024370-00001 | 1 | Monsanto: 1 H-C, 2-3 months ago man got multiple Acceleron seed treatment products' dust in his eye when the wind blew. His eye itches and feels like something is in it ever since. The man now has a headache at the end of each day. | N | MONSANTO CO. | 07/30/2012 | | | | US | HC | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC-609 INSECTICIDE SEED TREATMENT FOR CORN | BAYER CROPSCIENCE LP |
| 024495-00001 | 5 | Indiana State Chemist analyses from bee kill reports. Includes 2 updates and 5 new bee kill reports, early 2012 | U | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 04/09/2012 | LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 024495-00002 | 6 | Indiana State Chemist analyses from bee kill reports. Includes 2 updates and 5 new bee kill reports, early 2012 | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 04/16/2012 | WEST LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024495-00003 | 7 | Indiana State Chemist analyses from bee kill reports. Includes 2 updates and 5 new bee kill reports, early 2012 | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 04/19/2012 | MICHIGANTOWN | | IN | US | ON | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 024495-00004 | 10 | Indiana State Chemist analyses from bee kill reports. Includes 2 updates and 5 new bee kill reports, early 2012 | U | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 04/19/2012 | LAINES | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024495-00005 | 12 | Indiana State Chemist analyses from bee kill reports. Includes 2 updates and 5 new bee kill reports, early 2012 | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 04/30/2012 | DANVILLE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024495-00006 | 14 | Indiana State Chemist analyses from bee kill reports. Includes 2 updates and 5 new bee kill reports, early 2012 | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 05/09/2012 | PATOKA | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024496-00007 | 20 | Bayer CropScience: 28 H-C, hives/welts, pruritus, respiratory congestion, cough, nasal discharge, hematuria, rash, edema, dizziness, hypertension, tachycardia, nausea, dysuria, increased urge to urinate, lethargy, anorexia, sweating, diarrhea, tingling, polyuria, dysphagia, shortness of breath, fever; 1 P-A. | N | BAYER CROPSCIENCE | 06/01/2012 | COLUMBUS | | MI | US | HC | 044309 | Clothianidin | 072155-00082 | BAYER ADVANCED 12 MONTHS TREE AND SHRUB PROTECT AND FEED DUAL ACTION FORMULA CONCENTRATE | BAYER ADVANCED |

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| 024532-00016 | 8 | Valent: 1 H-C, abdominal pain, loss of taste, headache; 2 bee mortality cases in Yuma County, Arizona; 14 aggregate summaries, Apr. - June 2012. Includes 14 H-D, 2 D-C, and 2 D-D. | N | VALENT U.S.A. CORP. | 07/23/2012 | SNYDER RANCH | YUMA | AZ | US | ON | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. CORPORATION |
| 024532-00017 | 11 | Valent: 1 H-C, abdominal pain, loss of taste, headache; 2 bee mortality cases in Yuma County, Arizona; 14 aggregate summaries, Apr. - June 2012. Includes 14 H-D, 2 D-C, and 2 D-D. | N | VALENT U.S.A. CORP. | 07/24/2012 | ANTELOPE MOUNTAIN FARM | YUMA | AZ | US | ON | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. CORPORATION |
| 024599-00007 | 20 | Bayer CropScience: incidents for Sept. 2012: 22 H-C, edema/swelling, hives/welts, pruritus, erythema, rash, headache, congestion, blisters, confusion, shortness of breath, malaise, diaphoresis, vomiting, vertigo, hemoptysis, myalgia, oropharyngeal edema, tingling, cough/choke, tinnitus, anorexia, blurred vision, urinary tract infection, 2 H-B, a)update to lawsuit; b)tachycardia and dizziness; 5 P-A. | N | BAYER CROPSCIENCE | 09/07/2012 | GAINESVILLE | | FL | US | HC | 044309 | Clothianidin | 072155-00094 | ALL IN ONE ROSE AND FLOWER CARE GRANULES | BAYER ADVANCED |
| 024702-00001 | 1 | Email: 100 bees killed at first, more later, associated with recently planted corn fields within a mile & a half, Anderson, Indiana. Clothianidin detected in bees at 3.3 ppb. | N | PURDUE UNIVERSITY | 04/25/2012 | ANDERSON | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 024997-00001 | 1 | US EPA: Analysis of apiculture samples related to I024877-001. Clothianidin, DDE-p,p', flonicamid, and fluvalinate found in bee incident samples from Florence, Arizona beekill. | U | U.S. EPA, OCSPP, ANALYTICAL CHEMISTRY BRANCH | 08/02/2012 | FLORENCE | | AZ | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 025007-00001 | 1 | Bayer: analysis of bee kills in relation to alleged pesticide exposure and planting of treated corn seed, Indiana, spring 2012. Clothianidin and many other pesticides were detected in bee samples. Limited evidence for starvation, nutritional deficiency and Nosema infestation. This is the same report as 48966501. Update to I023902-001. | U | BAYER CROPSCIENCE | 04/19/2012 | NEAR MANCHESTER | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025020-00001 | 2 | Bayer: 7 human cases & 3 major groundwater detects | N | BAYER CROPSCIENCE | 09/08/2012 | LINCOLN | | NC | US | HC | 044309 | Clothianidin | 072155-00094 | BAYER ADVANCED ALL IN ONE ROSE AND FLOWER CARE READY TO USE GRANULES | BAYER ADVANCED |
| 025031-00001 | 1 | SD beekill. Fresh dead bees found in front of hives (10-50) in 2nd week of April 2012. some writing and still barely alive. Poncho & talc used nearby but imidicloprid not detected in samples. See I025032 for more on chemicals used nearby. | N | | 06/02/2012 | FLANDREAU? | MOODY | SD | US | ON | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 025032-00001 | 1 | SD Dept. of Agriculture: update to I025031: bee kill, Flandreau, SD April 2012. Investigation of incident reported in I025031. Provides photographs of dead bees. | U | SOUTH DAKOTA DEPT. OF AGRICULTURE | 04/15/2012 | FLANDREAU | MOODY | SD | US | ON | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 025155-00001 | 1 | Email: alleged bee kill in western MN. Bees on their backs in front of the colonies. 1300+ hives allegedly affected. Bees foraged in pussy willows. corn had been planted to the N & E of the site in the last few days. Bees scattered through snow covered areas and in puddles on the site. EFED considers this an update to I025176. Residue sample analysis is found in I025318. | U | U.S. EPA, REGION 5 | 05/07/2013 | WESTERN MN | | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 025176-00001 | 1 | Email: bee kill in Elbow Lake, MN shortly after neonicotinoid corn was planted, May 2013. Includes link to Youtube video. EFED considers I025155-001 to be an update to I025176. Residue sample analysis is provided in I025318-001. | N | | 05/07/2013 | ELBOW LAKE | GRANT | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025235-00001 | 1 | Monsanto: 1 H-C: famer planted 140 acres with Monsanto treated corn seed. John Deere Seed Talc was used to coat the hopper. He sits in a closed cab tractor during planting. Contact dermatitis on exposed skin below shirt sleeves. It progressed to generalized welt on hi trunk. Some lip swelling, but no coughing. Put on Zyrtec and evening Benadryl. | N | MONSANTO CO. | 04/27/2013 | | | GA | US | HC | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC 609 | BAYER CROPS SCIENCE LP |
| 025271-00001 | 1 | via NPIC Eco Portal: beekeeper had 200 hives in one area in Minnesota. On May 15,2013 reporter noticed hundreds of dead bees in front of hives plus dead bees scattered around the entire area. Hives had dwindled down to only the baby bees, workers were now dead. Samples taken and residue results are found in I025505-001. Weak hives, no honey. | N | | 05/15/2013 | WINTHROP | SIBLEY | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025318-00001 | 1 | Update to I025176: bee kill incident, Grant Lake, MN. Residue analysis of samples shows clothianidin at 41.7 ppb and thiamethoxam at 6.8 ppb | U | NATIONAL POLLINATOR DEFENSE FUND | 05/01/2013 | ELBOW LAKE | GRANT | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 025423-00001 | 1 | Monsanto: 1 H-C: man worked in feed store for years-usually with treated corn. 2 days ago he worked with treated beans with added Acceleron, etc. and had reaction while 2500 lbs were being loaded. Turned red in face, arms upper body, sneezing, eyes tearing, broke out with itching and hives over whole body. One week ago noticed leg soreness. Saw MD. Later rash and hives were subsiding. | N | MONSANTO CO. | 06/10/2013 | | | MN | US | HC | 044309 | Clothianidin | 000264-01109 | PONCHO/ VOTIVO NEMATODE PROTECTION | BAYER CROPSCIEN CE LP |
| 025469-00001 | 1 | Bayer CropScience: bee kill in Elbow Lake area, MN. Update to I023967. Thiamethoxam and clothianidin found in residues. | U | BAYER CROPSCIEN CE | 05/07/2013 | ELBOW LAKE | | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDI N | |
| 025505-00001 | 1 | Update to I025271-001: clothianidin and thiamethoxam found in bee residue from Sibley Co. MN bee kill. | U | | 05/15/2013 | WINTHR OP? | SIBLEY | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDI N | |
| 025530-00001 | 1 | Email: update to I025271-001 and I025505 bee kill. Corn was being planted when bees started dying, Sibley Co., MN. | U | | 05/15/2013 | WINTHR OP? | SIBLEY | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDI N | |
| 025653-00001 | 1 | Email: bee kill south of Brockport, NY. 18 of 18 hives affected with dead and dying honeybees. Samples taken by state for residue testing. Beekeeper believes deaths are due to clothianidin but test results have not yet been received. | N | | 07/29/2013 | SOUTH OF BROCKP ORT | | NY | US | ON | 044309 | Clothianidin | | CLOTHIANIDI N? | |
| 025662-00001 | 1 | via NPIC Eco Portal: bees seen on their backs with legs moving fast. Dying in the fields and on the gravel twitching 400 yards away from hive. Bees were placed near corn field. Beekeeper alleges due to neonicotinoid treated corn seed dust. Clothianidin and thiamethoxam were detected in pollen residue analysis. | N | | 05/07/2013 | | GRANT | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDI N | |

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| 025675-00001 | 1 | Valent: aerial application of Belay Insecticide on 65 acres of cotton, Coffee Co., GA. Bee keep had placed hives on the border edge of a cotton field. hives were present when field was sprayed. Beekeeper observed higher than usual mortality 3-4 days after the application. No extra mortality observed after 4 days. Hives recovered. | N | VALENT U.S.A. CORP. | 08/29/2013 | | COFFEE | GA | US | ON | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. CORPORATION |
| 025933-00006 | 17 | Bayer CropScience: individual reports, Oct. 2013 incl. 23 H-C & H-B, 2 P-A | N | BAYER CROPSCIENCE | 10/10/2013 | VERO BEACH | | FL | US | HC | 044309 | Clothianidin | 072155-00094 | BAYER ADVANCED ALL-IN-ONE ROSE & FLOWER CARE GRANULE | BAYER ADVANCED |
| 025981-00002 | 13 | Bayer CropScience: 7 full Bayer investigations of bee kills plus 1 brief summary of another bee kill incident, 2013. All are updates to previous reports in I025484 and others. | U | BAYER CROPSCIENCE | 05/13/2013 | NEAR WINTHROP | | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025981-00003 | 40 | Bayer CropScience: 7 full Bayer investigations of bee kills plus 1 brief summary of another bee kill incident, 2013. All are updates to previous reports in I025484 and others. | U | BAYER CROPSCIENCE | 05/15/2013 | NEAR PENFIELD | | IL | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025981-00004 | 54 | Bayer CropScience: 7 full Bayer investigations of bee kills plus 1 brief summary of another bee kill incident, 2013. All are updates to previous reports in I025484 and others. | U | BAYER CROPSCIENCE | 05/20/2013 | NEAR NORTH MANCHESTER | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025981-00005 | 62 | Bayer CropScience: 7 full Bayer investigations of bee kills plus 1 brief summary of another bee kill incident, 2013. All are updates to previous reports in I025484 and others. | U | BAYER CROPSCIENCE | 05/16/2013 | NEAR RANTOUL | | IL | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 025981-00006 | 74 | Bayer CropScience: 7 full Bayer investigations of bee kills plus 1 brief summary of another bee kill incident, 2013. All are updates to previous reports in I025484 and others. | U | BAYER CROPSCIENCE | 05/19/2013 | NEAR URBANA / CHAMPAIGN | | IL | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 025981-00008 | 4 | Bayer CropScience: 7 full Bayer investigations of bee kills plus 1 brief summary of another bee kill incident, 2013. All are updates to previous reports in I025484 and others. | U | BAYER CROPSCIENCE | 05/07/2013 | ELBOW LAKE | | MN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026310-00001 | 1 | WWW: an estimated million bees died along the Rhine south of Leverkusen; up to 2/3rds of the colonies died. No bee deaths were noted north of the district, so poisoning of the waters is not likely. Bees died near entrance to hives. Two villages affected: Rheindorf-Sud and Hitdorf. No poisoning reported on the other side of the river. See I026391 for more information: clothianidin detected at significantly higher levels than imidacloprid. | N | U.S. EPA, OPP, EFED | 04/09/2014 | LEVERKUSEN, RHEINDORF-SUD. | | | WG | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026391-00001 | 1 | Bayer: update to I026391: 10 beekeepers in the Hitdorf and Rheindorf districts of Leverkusen reported bee kills for a total of 43 colonies affected. Bayer also observed some but less severe losses at its research bee hives nearby in Monheim. Clothianidin was detected at higher levels than imidacloprid in dead bee corpses. Bayer says evidence suggests off-label use in flowering rapeseed. Only 1 clothianidin spray product is registered in Germany and it is not marketed by Bayer. Incident is under investigation. Bayer does not believe it could be related to the Bayer Poncho-Beta pelleted formulation used for sugar beets. | U | BAYER CROPSCIENCE | 04/10/2014 | LEVERKUSEN | HITDORF & RHEINDORF DISTRICTS | | WG | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 026408-00001 | 2 | Email: -001)1000 bees killed at person's house a mile from Indiana farmer who had just planted corn with Poncho 1250; mostly nurse bees. -002) minor bee kill at bee lab at Purdue University | N | | 05/03/2014 | | TIPPECANOE | IN | US | ON | 044309 | Clothianidin | | PONCHO 1250 | BAYER CROPS SCIENCE LP |
| 026424-00001 | 1 | Bayer: about 1000 bee deaths noted at hive in front of home in Indiana, May 7, 2014. Local farmer used Poncho 1250 treated seed corn about .3 miles from the hive. | U | BAYER CROPS SCIENCE | 05/03/2014 | | TIPPECANOE | IN | US | ON | 044309 | Clothianidin | 000264-00789 | PONCHO 1250 | BAYER CROPS SCIENCE LP |
| 026452-00001 | 2 | Email: Canadian beekeeper's residue sample reports from 2012 and 2013 for Ontario showing neonicotinoid detects. Also PMRA publications: Evaluation of Canadian Bee Mortalities that Coincided with Corn Planting in Spring 2012 and Evaluation of Canadian Bee Mortalities in 2013 Related to Neonicotinoid Pesticides, Interim Report, Sept. 26, 2013 | N | | 01/01/2012 | ELMWOOD | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026452-00002 | 6 | Email: Canadian beekeeper's residue sample reports from 2012 and 2013 for Ontario showing neonicotinoid detects. Also PMRA publications: Evaluation of Canadian Bee Mortalities that Coincided with Corn Planting in Spring 2012 and Evaluation of Canadian Bee Mortalities in 2013 Related to Neonicotinoid Pesticides, Interim Report, Sept. 26, 2013 | N | | 01/01/2012 | | ONTARIO, QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026468-00001 | 1 | Bayer: increase in bee deaths while soybeans were being planted: anhydrous injecting. 6 hives out of 16 with high numbers of dead bees. Home owners were treating lawns with fertilizer and weed killer. Clothianidin and thiamethoxam and TZNG were detected in bee samples. Registrant says residues confirmed clothianidin product. See also I026791. | N | BAYER CROPS SCIENCE | 05/04/2014 | LA FONTAINE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 026469-00001 | 1 | Bayer: 6 out of 6 bee hives affected by deaths, Esmond, IL. Beekeepers were alerted by grower that corn planting would take place. Wind blew from field towards apiary. This loss of bees was worse than previous years' episodes. Residue samples were analyzed. | N | BAYER CROPSCIENCE | 05/08/2014 | ESMOND | | IL | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026492-00001 | 1 | Bee kill in Ontario, summer 2013: results of PMRA residue tests in soil, vegetation showed clothianidin and thiamethoxam. Over 80% of hives lost on into 2014. | N | | 07/01/2013 | NEAR COOKSTOWN | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026504-00001 | 1 | Monsanto: 1 H-C: 56 yr. old male cleaned out tank holding seed corn seeds. Thinks he must have inhaled fumes when using an air compressor to blow out the tank. Today, diarrhea,, vomiting, fainted or passed out. May be dehydrated. | N | MONSANTO CO. | 04/22/2014 | | | IL | US | HC | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC 609 | BAYER CROPSCIENCE LP |
| 026634-00011 | 31 | Monsanto: 14 H-C human moderate reports, May 2014 | N | MONSANTO CO. | 05/01/2014 | | | KS | US | HC | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC-609 | BAYER CROPSCIENCE LP |
| 026737-00002 | 3 | WWW: summaries of published research: -001) neonicotinoids found in 9 test sites in Iowa and Nebraska streams. -002) In the Netherlands researcher found a close link between surface water contamination with imidacloprid and declines of insect-eating birds. | N | U.S. EPA, OPP, ITRMD, ISB | 01/01/2014 | | | | HL | W, S | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026791-00001 | 1 | Bayer CropScience: At least 6 hives affected with high numbers of dead bees, La Fontaine, IN. Home owners were treating lawns with fertilizer and weed killer. Neonicotinoid compounds clothianidin and thiamethoxam appear to have contributed to the elevated mortality. Updates I026468 | U | BAYER CROPSCIENCE | 05/05/2014 | LA FONTAINE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 026792-00001 | 1 | Bayer CropScience: 6 out of 6 bee hives affected by deaths shortly after cornfields were planted in Esmond, IL. In this apiary more than normal levels of bee death occurred. Residue samples were analyzed and found presence of Clothianidin, TZNG, Thiamethoxam and traces of Amitraz. Updates I026469 | U | BAYER CROPSCIENCE | 05/05/2014 | ESMOND | | IL | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026797-00001 | 2 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID AND CLOTHIANIDIN | |
| 026797-00002 | 6 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | BRUCE | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID AND CLOTHIANIDIN | |
| 026797-00003 | 10 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID AND CLOTHIANIDIN | |
| 026797-00004 | 14 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID AND CLOTHIANIDIN | |
| 026797-00005 | 18 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID AND CLOTHIANIDIN | |
| 026797-00006 | 22 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID, CLOTHIANIDIN AND FLUVALINATE-TAU | |
| 026797-00007 | 26 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID, CLOTHIANIDIN, FLUVALINATE-TAU | |
| 026797-00008 | 30 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID, CLOTHIANIDIN | |

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| 026797-00009 | 34 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID, CLOTHIANIDIN, FLUVALINATE-TAU | |
| 026797-00010 | 38 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID, CLOTHIANIDIN | |
| 026797-00011 | 42 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | ACETAMIPRID, CLOTHIANIDIN, FLUVALINATE-TAU | |
| 026797-00012 | 46 | 12 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 04/26/2012 | MIDDLESEX CENTER | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026798-00009 | 34 | 14 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 04/22/2012 | TOWN OF MARKHAM, R.M. YORK | ONTARIO | | CN | ON | 044309 | Clothianidin | | UNKNOWN | |
| 026799-00001 | 2 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 04/08/2012 | SOUTH WEST MIDDLESEX | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026799-00002 | 6 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 04/18/2012 | PRESCOTT AND RUSSELL | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026799-00003 | 10 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN, FLUVALINATE-TAU | |
| 026799-00004 | 13 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 04/26/2012 | F.N. LAND | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026799-00005 | 17 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | WEST GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026799-00006 | 21 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 026799-00007 | 25 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026799-00008 | 29 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026799-00009 | 33 | 9 Canadian bee kill reports, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026800-00004 | 14 | 8 Canadian bee kill incidents, Ontario, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | UNKNOWN | |
| 026800-00008 | 29 | 8 Canadian bee kill incidents, Ontario, 2012, downloaded from PMRA's web site. | N | U.S. EPA, OPP, EFED | 05/14/2012 | GREY | ONTARIO | | CN | ON | 044309 | Clothianidin | | UNKNOWN | |
| 026818-00001 | 2 | 6 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/03/2012 | AYLMER | ONTARIO | | CN | ON | 044309 | Clothianidin | | UNKNOWN | |
| 026819-00004 | 14 | 7 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 05/28/2012 | ST MARC SUR RICHELIEU | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 026819-00006 | 22 | 7 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 04/17/2012 | HENSALL | ONTARIO | | CN | ON | 044309 | Clothianidin | | PIONEER (PCP) | |
| 026819-00007 | 28 | 7 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 04/17/2012 | SARNIA | ONTARIO | | CN | ON | 044309 | Clothianidin | | PIONEER SEED (PCP) | |
| 026820-00007 | 26 | 8 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 04/17/2012 | HENSALL | ONTARIO | | CN | ON | 044309 | Clothianidin | | DEKALB (PCP) | |
| 026820-00008 | 31 | 8 Canadian bee kill incident reports from 2012 downloaded from PMRA's site. | N | U.S. EPA, OPP, EFED | 04/12/2012 | SARNIA | ONTARIO | | CN | ON | 044309 | Clothianidin | | PIONEER SEED | |
| 026871-00007 | 20 | Bayer CropScience: 93 individual incidents, July 2014 with 3 H-B, 17 H-C, 72 P-A plant damage reports, 2 G-A groundwater detects. | N | BAYER CROPSCIENCE | 07/22/2014 | RENO | | NV | US | HC | 044309 | Clothianidin | 072155-00082 | 12 MONTH TREE & SHRUB PROTECT AND FEED | BAYER ADVANCED |

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|----------------------|------|---|--------|---|------------|-----------------|--------|-----|---------|----------------|---------|-----------------|----------------|---------------|-----------------------|
| 026927-00001 | 1 | NPIC: caller is trying to stop her client from letting her yard be treated with soil drench pesticides. Believes she saw hive with no bee activity. 2 weeks later also no activity around hive. Company has used Bayer Advance 3 years ago in soil injection sites "everywhere on her client's property in Bristol, CT. | N | NATIONAL PESTICIDE INFORMATION CENTER | 01/01/2014 | BRISTOL | | CT | US | ON | 044309 | Clothianidin | | BAYER ADVANCE | |
| 027059-00001 | 2 | Indiana State Chemist: 6 bee kill reports, Indiana, May 2014. | N | OFFICE OF INDIANA STATE CHEMIST | 05/06/2014 | WEST LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | PONCHO | |
| 027059-00002 | 4 | Indiana State Chemist: 6 bee kill reports, Indiana, May 2014. | N | OFFICE OF INDIANA STATE CHEMIST | 05/06/2014 | LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | PONCHO | |
| 027059-00003 | 6 | Indiana State Chemist: 6 bee kill reports, Indiana, May 2014. | N | OFFICE OF INDIANA STATE CHEMIST | 07/14/2014 | LAFONTAINE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027059-00004 | 8 | Indiana State Chemist: 6 bee kill reports, Indiana, May 2014. | N | OFFICE OF INDIANA STATE CHEMIST | 05/07/2014 | LAFONTAINE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027059-00005 | 8 | Indiana State Chemist: 6 bee kill reports, Indiana, May 2014. | N | OFFICE OF INDIANA STATE CHEMIST | 05/07/2014 | LAFONTAINE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027059-00006 | 12 | Indiana State Chemist: 6 bee kill reports, Indiana, May 2014. | N | OFFICE OF INDIANA STATE CHEMIST | 05/07/2014 | LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027383-00001 | 1 | Email: Office of Indiana State Chemist, 7 ONT bee kill incidents, received 02/02/2015. | U | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 05/06/2014 | WEST LAFAYETTE, | | IN | US | ON | 044309 | Clothianidin | | PONCHO | BAYER CROPPSCIENCE LP |
| 027383-00002 | 4 | Email: Office of Indiana State Chemist, 7 ONT bee kill incidents, received 02/02/2015. | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 05/07/2014 | LAFONTAINE | | IN | US | ON | 044309 | Clothianidin | | UNKNOWN | |

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|----------------------|------|--|--------|---|------------|------------|--------|-----|---------|----------------|---------|-----------------|----------------|----------------------------|----------------------|
| 027383-00003 | 6 | Email: Office of Indiana State Chemist, 7 ONT bee kill incidents, received 02/02/2015. | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 05/09/2014 | LAFAYETTE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027383-00004 | 8 | Email: Office of Indiana State Chemist, 7 ONT bee kill incidents, received 02/02/2015. | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 06/03/2014 | LAGRANGE | | IN | US | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027383-00006 | 12 | Email: Office of Indiana State Chemist, 7 ONT bee kill incidents, received 02/02/2015. | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 05/07/2014 | LAFONTAINE | | IN | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 027383-00007 | 14 | Email: Office of Indiana State Chemist, 7 ONT bee kill incidents, received 02/02/2015. | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 05/07/2014 | LAFONTAINE | | IN | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 027400-00001 | 4 | DowAgroSciences: 1 P-A , incident report, crop damage in Idaho, Aug. 2014, spray drift, no violations. | N | DOW AGROSCIENCES LLC | 08/06/2014 | | | ID | US | PA | 044309 | Clothianidin | 000264-01056 | PONCHO BETA | BAYER CROPSCIENCE LP |
| 027519-00001 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 05/15/2010 | | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN, THIAMETHOXAM | |
| 027519-00002 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 05/15/2010 | | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |

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| 027519-00003 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 05/06/2009 | | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 027519-00004 | 1 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 04/19/2012 | | QUEBEC | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN; COUMAPHOS; THIABENDAZOLE; THIAMETHOXAM | |
| 027519-00005 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 04/08/2012 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN; FLUVALINATE; THIAMETHOXAM | |
| 027519-00006 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 04/17/2012 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN, THIAMETHOXAM | |
| 027519-00007 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 06/07/2011 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | ATRAZINE (PLUS RELATED ACTIVE TRIAZINES); CLOTHIANIDIN; FENITROTHION; THIAMETHOXAM | |
| 027519-00008 | 2 | Email: EFED received an email from the PRMA containing Canadian bee kill incident reports(ONT)from 2010-2012 for clothianidin, thiamethoxam, imidacloprid and acetamiprid. | U | U.S. EPA, OPP, EFED | 04/17/2012 | | ONTARIO | | CN | ON | 044309 | Clothianidin | | CLOTHIANIDIN; FLUVALINATE-TAU; THIAMETHOXAM | |

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| 027719-00001 | 1 | South Dakota Agricultural Laboratories: dead honey bees tested positive for clothianidin, corn planting occurring in area at time of bee die-off, incident 04/29/2015. | N | SOUTH DAKOTA AGRICULTURAL LABORATORIES | 04/29/2015 | BRUCE | | SD | US | ON | 044309 | Clothianidin | DKC48-12RIB | DEKALB BRAND | ACCELURON |
| 027769-00001 | 1 | Bayer CropScience: update to May 2015 bee-die off in SD, updates I027719 | U | BAYER CROPSCIENCE | 04/26/2015 | BRUCE | | SD | US | ON | 044309 | Clothianidin | | DEKALB DKC 48-12RIB | |
| 027803-00003 | 8 | Monsanto: 1 H-B, 6 H-C, 2 G-A. | N | MONSANTO CO. | 05/12/2015 | | | IL | US | HB | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC-609 | BAYER CROPSCIENCE LP |
| 027872-00026 | 78 | BayerCrop Science: numerous P-A and H-C incident, | N | BAYER CROPSCIENCE | 06/14/2015 | DRESDEN | | ME | US | HC | 044309 | Clothianidin | 072155-00094 | DISEASE CONTROL FOR ROSES, FLOWER & SHRUBS | BAYER ADVANCED |
| 027921-00001 | 2 | Monsanto: 5 H-C summaries, July 2015. | N | MONSANTO CO. | 06/06/2015 | | | MN | US | HC | 044309 | Clothianidin | 000264-00789-000524 | ACCELERON IC-609 | BAYER CROPSCIENCE LP |
| 027995-00001 | 1 | Email: Final SD bee kill incident report, updates reports, I027719 and I027769, 09/02/2015. | N | U.S. EPA, OPP, EFED | 04/29/2015 | BRUCE | | SD | US | ON | 044309 | Clothianidin | | DEKALB48-12RIB | BAYER |
| 028034-00001 | 4 | Email: through EFED OPP received 3 bee kill incident reports from the Oregon Dept. of Ag., 08/05/2015. | N | U.S. EPA, OPP, EFED | 06/15/2015 | PORTLAND | | OR | US | ON | 044309 | Clothianidin | | IMIDACLOPRID, IMIDACLOPRID OLEFIN, CLOTHIANIDIN | |
| 028042-00001 | 1 | Valent: 3 ONT updates, Portland bee kill. | U | VALENT U.S.A. CORP. | 06/15/2015 | PORTLAND | | OR | | ON | 044309 | Clothianidin | | CLOTHIANIDIN | |
| 028042-00002 | 1 | Valent: 3 ONT updates, Portland bee kill. | U | VALENT U.S.A. CORP. | 06/15/2015 | PORTLAND | | OR | US | ON | 044309 | Clothianidin | | VALENT INSECTICIDE | |
| 028046-00001 | 1 | News article: EU bee kill, misuse, ONT. | N | U.S. EPA, OPP, EFED | 07/26/2015 | | | | LT | ON | 044309 | Clothianidin | | UNKNOWN PRODUCT | |
| 028067-00001 | 1 | Bayer CropScience: Update to 2014 SD bee kill incident. | U | BAYER CROPSCIENCE | 04/27/2015 | BRUCE | | SD | US | ON | 044309 | Clothianidin | 000264-00789 | PONCHO 600 | BAYER CROPSCIENCE LP |
| 028132-00001 | 2 | Region 10, updates to OR bee kill, updates I025610-002 and I026364-001. | U | U.S. EPA, REGION 10 | 07/01/2015 | PORTLAND | | OR | US | ON | 044309 | Clothianidin | | UNKNOWN PRODUCT | |

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| 028712-00001 | 1 | Email: 4 2015 Iowa bee kills. | N | U.S. EPA, OPP, EFED | 05/01/2015 | | | IA | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 028712-00002 | 1 | Email: 4 2015 Iowa bee kills. | N | U.S. EPA, OPP, EFED | 07/01/2015 | | | IA | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029019-00003 | 21 | EFED: alleged January 27-July 11, Oregon 2016 bee losses. | N | U.S. EPA, OPP, EFED | 06/26/2016 | PORTLAND | | OR | US | ON | 044309 | Clothianidin | 059639-00152 | ARENA 50 WDG | VALENT U.S.A. CORPORATION |
| 029184-00001 | 1 | EFED: 6(a)(2) Coordinator received an email from EFED on 8/30/2016 updating bee kill in Arcadia, OH, clothianidin and imidacloprid were detected. | U | U.S. EPA, OPP, EFED | 05/26/2016 | ARCADIA | | OH | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029223-00002 | 1 | EFED: 9/16/2016, up date to OH bee kill and a new FL bee kill mosquito larvicide suspected in second | U | U.S. EPA, OPP, EFED | 05/26/2016 | ARCADIA | | OH | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029385-00001 | 1 | Office of Indiana state Chemist: received Nov. 8, 2016, six 2016 bee kill incident reports from Indiana. | N | OFFICE OF INDIANA STATE CHEMIST AND SEED COMMISSIONER | 04/19/2016 | ZIONVILLE | | IN | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029547-00002 | 1 | EFED: received Dec. 31, 2016, Oct. 2015 - Sept. 2016 Iowa bee kill reports. | N | U.S. EPA, OPP, EFED | 05/01/2015 | READLYN | | IA | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029547-00006 | 4 | EFED: received Dec. 31, 2016, Oct. 2015 - Sept. 2016 Iowa bee kill reports. | U | U.S. EPA, OPP, EFED | 05/01/2015 | READLYN | | IA | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029550-00002 | 5 | MGK: Nov. 2016, 5 H-C incident reports. | N | MCLAUGHLIN GORMLEY KING CO. | 09/15/2016 | PHOENIX | | CA | US | HC | 044309 | Clothianidin | 001021-02776 | CROSSFIRE BED BUG CONCENTRATE | MCLAUGHLIN GORMLEY KING COMPANY |
| 029610-00004 | 2 | EFED: Iowa Pollinator Incident Reports 10/1/2014 -9/30/2015 | N | U.S. EPA, OPP, EFED | 05/01/2014 | BEDFORD | | IA | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 029887-00003 | 8 | MGK: March 2017, 4 H-C and 1 H-B incident. | N | MCLAUGHLIN GORMLEY KING CO. | 03/11/2017 | RICHMOND | | VA | US | HC | 044309 | Clothianidin | 001021-02788 | CROSSFIRE AEROSOL | MCLAUGHLIN GORMLEY KING COMPANY |

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| 030199-00025 | 74 | Bayer: June 2017, 29 individual incidents. | N | BAYER CROPSCIENCE | 06/27/2017 | BATESVILLE | | IN | US | HC | 044309 | Clothianidin | 072155-00082 | BAYER ADVANCED 12 MONTHS TREE & SHRUB PROTECT AND FEED CONCENTRATE II | SBM LIFE SCIENCE CORP. |
| 030722-00004 | 12 | BAYER CROPSCIENCE: Includes 5 H-C and 1 H-B. Symptoms include Nausea, Dizziness/vertigo, Peripheral Neuropathy, etc. | N | BAYER CROPSCIENCE | 12/22/2017 | NILES | | MI | US | HC | 044309 | Clothianidin | 072155-00094 | BAYER ADVANCED ALL-IN-ONE ROSE & FLOWER CARE READY-TO-USE GRANULES | SBM LIFE SCIENCE CORP. |
| 030862-00001 | 1 | EFED: update to 2016 Elbow Lake, MN bee kill report. | N | U.S. EPA, OPP, EFED | 05/06/2017 | ELBOW LAKE | | MN | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 031076-00005 | 14 | Bayer: Includes 5 H-C, 1 H-B (-008) and 2 P-A. Symptoms include Rash, Confusion, Dizziness/Vertigo, etc. (JK) (For -006, source 031076-0001 was put by mistake. Please ignore.) | N | BAYER ENVIRONMENTAL SCIENCE | 04/16/2018 | FARMVILLE | | NC | US | PA | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. LLC |
| 031076-00007 | 22 | Bayer: Includes 5 H-C, 1 H-B (-008) and 2 P-A. Symptoms include Rash, Confusion, Dizziness/Vertigo, etc. (JK) (For -006, source 031076-0001 was put by mistake. Please ignore.) | N | BAYER ENVIRONMENTAL SCIENCE | 04/06/2018 | KANSAS CITY | | MO | US | HC | 044309 | Clothianidin | 000264-01109 | PONCHO/VOTIVO | BAYER CROPSCIENCE LP |
| 031324-00001 | 1 | Bayer: Aug 2018, update to Arcadia, OH bee kill incident. | N | BAYER CROPSCIENCE | 05/26/2016 | ARCADIA | | OH | US | ON | 044309 | Clothianidin | | PONCHO | |
| 031477-00001 | 1 | EFED: Oct 2018, a bee kill report from indicate the planting of seed treated with clothianidin may have responsible for the deaths of bees in Indiana. | N | U.S. EPA, OPP, EFED | 04/28/2018 | LEBANON | | IN | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 031498-00010 | 15 | Valent: Valent: 7 aggregate summaries. June - September, 2018. Includes 3 H-C. Symptoms include Cough, Shortness of Breath, Abdominal Pain, etc. (JK) | N | VALENT U.S.A. CORP. | 04/05/2018 | | | TN | US | HC | 044309 | Clothianidin | 059639-00157 | ARENA 0.25 G INSECTICIDE 1 | VALENT U.S.A. LLC |

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|----------------------|------|--|--------|-----------------------------|------------|-------------|--------|-----|---------|----------------|---------|-----------------|----------------|-------------------------------|---------------------------------|
| 031630-00001 | 2 | EFED: emailing detain two bee loss incidents in Wisconsin in which it is alleging pesticides were involved. | N | U.S. EPA, OPP, EFED | 07/26/2016 | | ADAMS | WI | US | ON | 044309 | Clothianidin | 059639-00152 | BELAY 50 WDG | VALENT U.S.A. LLC |
| 031630-00002 | 1 | EFED: emailing detain two bee loss incidents in Wisconsin in which it is alleging pesticides were involved. | N | U.S. EPA, OPP, EFED | 07/26/2017 | | ADAMS | WI | US | ON | 044309 | Clothianidin | 059639-00152 | BELAY 50 WDG | VALENT U.S.A. LLC |
| 031675-00004 | 11 | MGK: Includes 7 H-C and 1 H-B (-008). Symptoms include Diarrhea, IBS, Emesis/Vomiting, etc. (JK) | N | MCLAUGHLIN GORMLEY KING CO. | 09/26/2018 | LAS CRUCES | | NM | US | HC | 044309 | Clothianidin | 001021-02776 | CROSSFIRE BED BUG | MCLAUGHLIN GORMLEY KING COMPANY |
| 031739-00001 | 2 | MGK: Includes 1 H-B (-004) and 4 H-C. Symptoms include Palpitation, Dyspnea/Shortness of Breath, Wheezing, etc. (JK) | N | MCLAUGHLIN GORMLEY KING CO. | 01/01/2018 | MORGANTOWN | | WV | US | HC | 044309 | Clothianidin | 001021-02776 | CROSSFIRE BED BUG CONCENTRATE | MCLAUGHLIN GORMLEY KING COMPANY |
| 031739-00001 | 2 | MGK: Includes 1 H-B (-004) and 4 H-C. Symptoms include Palpitation, Dyspnea/Shortness of Breath, Wheezing, etc. (JK) | N | MCLAUGHLIN GORMLEY KING CO. | 01/01/2018 | MORGANTOWN | | WV | US | HC | 044309 | Clothianidin | 001021-02788 | CROSSFIRE AEROSOL | MCLAUGHLIN GORMLEY KING COMPANY |
| 031946-00001 | 1 | EFED: Apr. 2017, bee kill event associated with flooding of wetlands. | N | U.S. EPA, OPP, EFED | 04/25/2017 | CHAPEL HILL | | NC | US | ON | 044309 | Clothianidin | | UNKNOWN | |
| 031957-00001 | 1 | Email from citizen: ONT, contamination of wetland possibly from run-off from a neighbor's corn field after a flood. | U | | 04/25/2017 | CHAPEL HILL | | NC | VU | ON | 044309 | Clothianidin | | UNKNOWN | |
| 031993-00006 | 17 | MGK: Includes 6 H-C. Symptoms include Throat irritation, Pruritus, Hallucinations/Delusion, etc. (JK) | N | MCLAUGHLIN GORMLEY KING CO. | 02/18/2019 | SPRING | | TX | US | HC | 044309 | Clothianidin | 001021-02776 | CROSSFIRE | MCLAUGHLIN GORMLEY KING COMPANY |
| 032022-00001 | 2 | MGK: Includes 1 H-A. 2 people died involving Crossfire Bed Bug treatment. (JK) | N | MCLAUGHLIN GORMLEY KING CO. | 04/17/2019 | HOUSTON | | TX | US | HA | 044309 | Clothianidin | 001021-02776 | CROSSFIRE BED BUG CONCENTRATE | MCLAUGHLIN GORMLEY KING COMPANY |
| 032081-00002 | 5 | MGK: Include 1 H-C and 1 H-B (-002). Symptoms include Urinary tract infection, Ataxia, Headache, etc. (JK) | N | MCLAUGHLIN GORMLEY KING CO. | 03/22/2019 | MERRILL | | WI | US | HB | 044309 | Clothianidin | 001021-02776 | CROSSFIRE | MCLAUGHLIN GORMLEY KING COMPANY |

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|----------------------|------|--|--------|-----------------------------|------------|-------------|--------|-----|---------|----------------|---------|-----------------|----------------|-------------------|---------------------------------|
| 032188-00003 | 11 | MGK: Includes 4 H-C. Symptoms include Confusion, Muscle weakness, Respiratory irritation, etc. | N | MCLAUGHLIN GORMLEY KING CO. | 04/01/2019 | MINNEAPOLIS | | MN | US | HC | 044309 | Clothianidin | 001021-02788 | CROSSFIRE AEROSOL | MCLAUGHLIN GORMLEY KING COMPANY |
| 032224-00001 | 1 | Region 9: On June 18, 2019, Merced County Agricultural Commissioner's (CAC) staff was notified by a beekeeper that he had a significant bee loss at two different bee drop locations. The bee keeper believes to have 36,000 dollars of loss to his bee hives. One of the bee drop locations is between cotton fields and the other bee drop is by the San Joaquin river and surrounded by alfalfa fields and herb fields. The Merced CAC staff will be taking swab and bee samples. | N | U.S. EPA, REGION 9 | 06/18/2019 | LOS BANOS | | CA | US | ON | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. LLC |
| 032296-00001 | 1 | Region 9: July 2019, bee kill under investigation in Merced, CA. | U | U.S. EPA, REGION 9 | 06/09/2019 | | MERCED | CA | US | ON | 044309 | Clothianidin | 059639-00150 | BELAY INSECTICIDE | VALENT U.S.A. LLC |

| Exposure Severity Code | Description |
|------------------------|--|
| C | Contamination (soil or product) |
| D | Domestic Animal (pre 1998 reg or undetermined) |
| D1 | Drinking Water - Major |
| D2 | Drinking Water - Moderate |
| D3 | Drinking Water - Minor |
| DA | Domestic Animal - Fatality |
| DB | Domestic Animal - Major |
| DC | Domestic Animal - Moderate |
| DD | Domestic Animal - Minor |
| DE | Domestic Animal - Unspecified |
| E | Property Damage - Unspecified |
| EA | Property Damage - Major |
| EB | Property Damage - Moderate |
| EC | Property Damage - Minor |
| F | Other |
| G | Groundwater (pre 1998 reg or undetermined) |

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| Exposure Severity Code | Description |
|------------------------|---|
| G1 | Groundwater - Major |
| G2 | Groundwater - Moderate |
| G3 | Groundwater - Minor |
| GA | Groundwater - Major (with possibly mixed types of water) |
| GB | Groundwater - Moderate (with possibly mixed types of water) |
| GC | Groundwater - Minor (with possibly mixed types of water) |
| H | Human (pre 1998 reg or undetermined) |
| HA | Human Fatality |
| HB | Human - Major |
| HC | Human - Moderate |
| HD | Human - Minor |
| HE | Human - Unspecified |
| ON | Other Nontarget |
| P | Plant Damage (pre 1998 reg or undetermined) |
| PA | Plant Damage - Major |
| PB | Plant Damage - Minor |
| PL | Plant Lawn |
| S | Surface Water (pre 1998 reg or undetermined) |
| S1 | Surface Water - Major |
| S2 | Surface Water - Moderate |
| S3 | Surface Water - Minor |
| W | Wildlife (pre 1998 reg or undetermined) |
| WA | Wildlife - Major |
| WB | Wildlife - Minor |